

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026198.D
 Acq On : 02 Jul 2023 21:16
 Operator : MA/JU
 Sample : 03244-01
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGA6

Quant Time: Jul 03 06:27:38 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

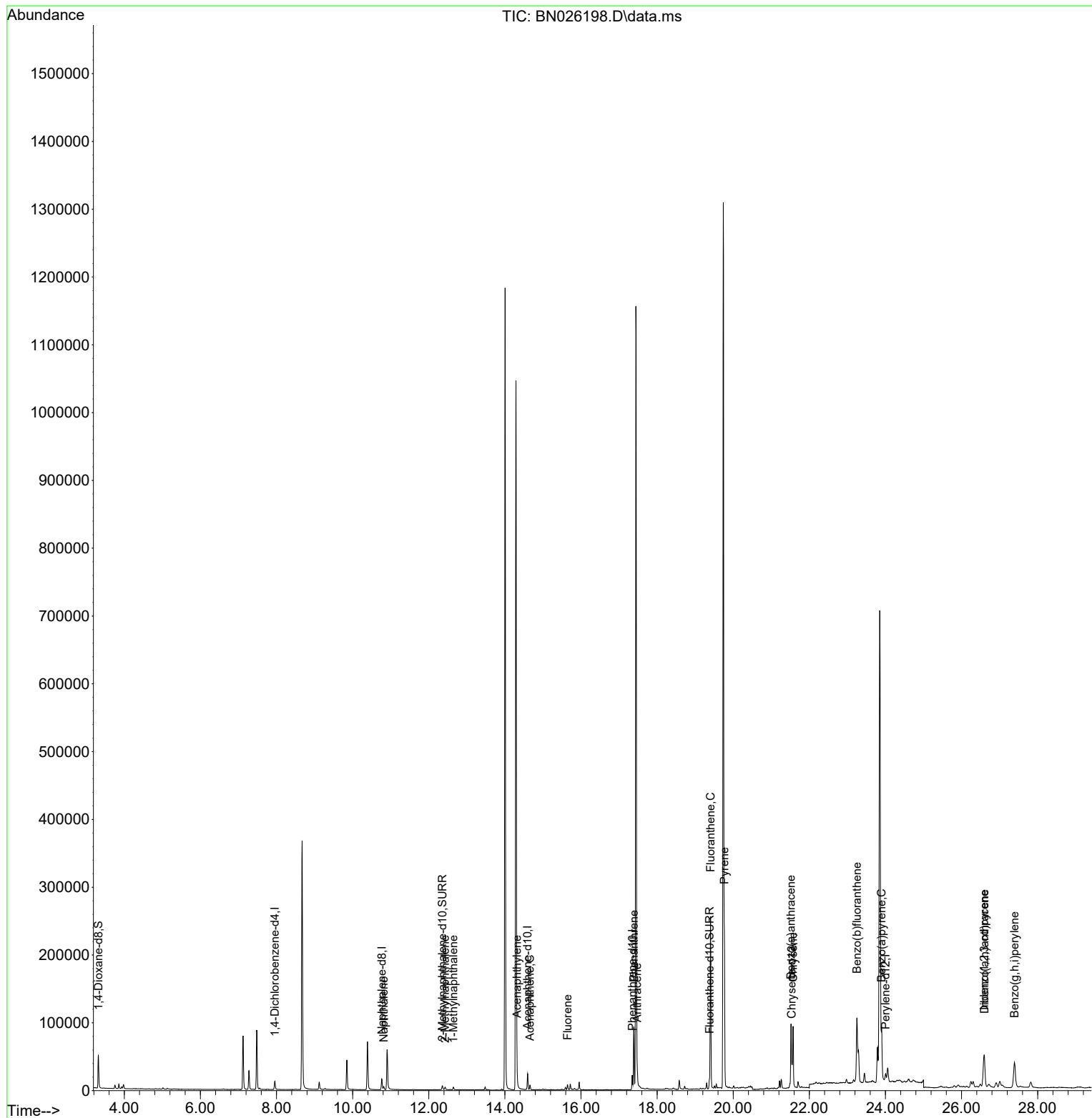
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	7259	0.400	ng/ul	0.00
4) Naphthalene-d8	10.769	136	23003	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	13094	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	24813	0.400	ng/ul	0.00
17) Chrysene-d12	21.537	240	13588	0.400	ng/ul	0.00
23) Perylene-d12	24.004	264	15254	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	32928	4.028	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.358	152	9109	0.257	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	15432	0.298	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.818	128	6312	0.096	ng/ul#	94
7) 2-Methylnaphthalene	12.430	142	3165	0.075	ng/ul	99
8) 1-Methylnaphthalene	12.650	142	3084	0.071	ng/ul	98
10) Acenaphthylene	14.320	152	14871	0.243	ng/ul	98
11) Acenaphthene	14.658	153	4028	0.080	ng/ul	98
12) Fluorene	15.648	166	5002	0.087	ng/ul#	98
15) Phenanthrene	17.389	178	99369	1.212	ng/ul	99
16) Anthracene	17.477	178	15807	0.217	ng/ul	95
19) Fluoranthene	19.404	202	228352	3.146	ng/ul	98
20) Pyrene	19.767	202	178709	2.367	ng/ul	97
21) Benzo(a)anthracene	21.519	228	83099	1.482	ng/ul	97
22) Chrysene	21.572	228	100638	1.725	ng/ul	97
24) Benzo(b)fluoranthene	23.250	252	221941	3.409	ng/ul	93
26) Benzo(a)pyrene	23.899	252	105516	1.866	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.594	276	88618	1.435	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.604	278	20513	0.439	ng/ul#	88
29) Benzo(g,h,i)perylene	27.388	276	86199	1.569	ng/ul	96

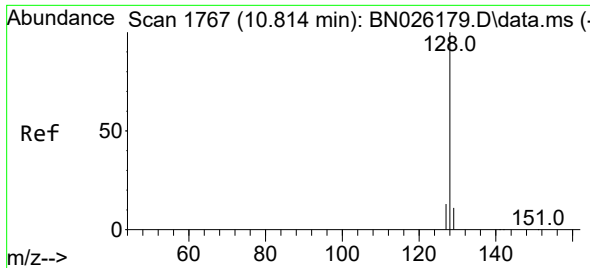
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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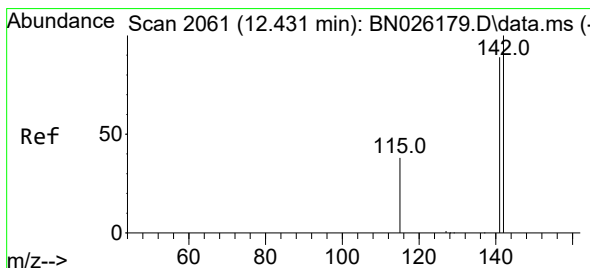
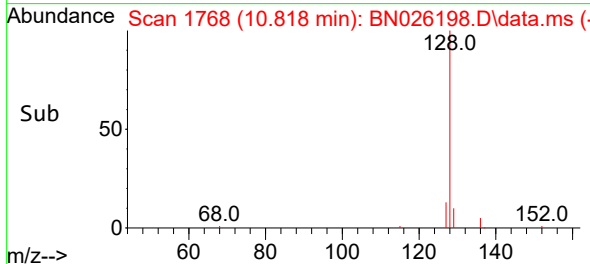
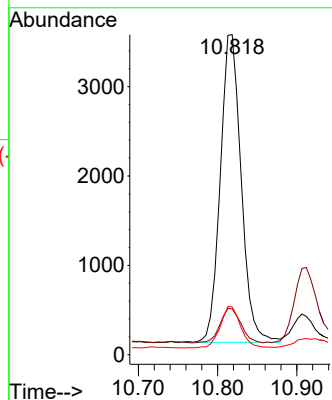
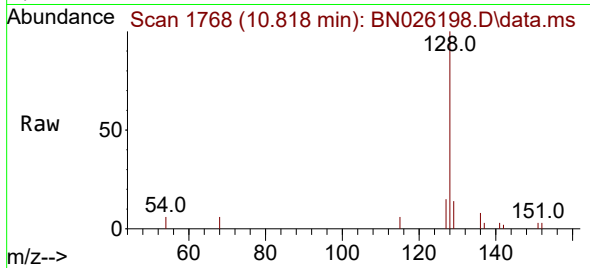




#5
Naphthalene
Concen: 0.096 ng/ul
RT: 10.818 min Scan# 1768
Delta R.T. -0.007 min
Lab File: BN026198.D
Acq: 02 Jul 2023 21:16

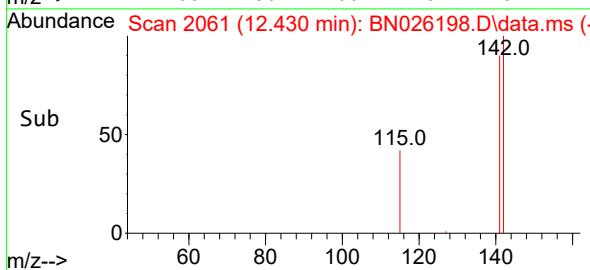
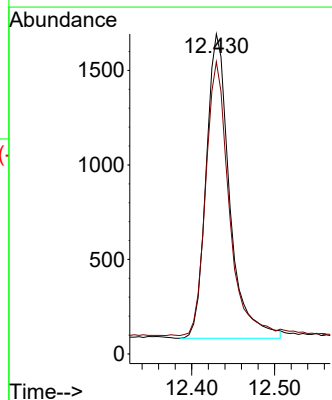
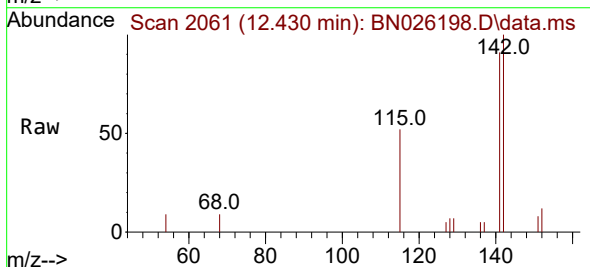
Instrument :
BNA_N
ClientSampleId :
DCGA6

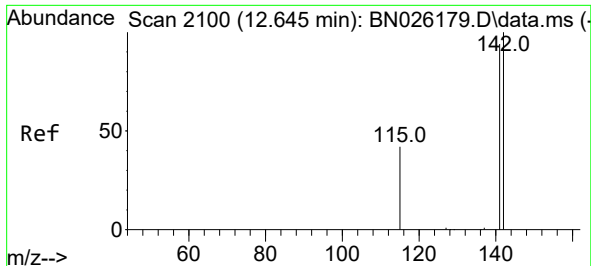
Tgt Ion:128 Resp: 6312
Ion Ratio Lower Upper
128 100
129 14.3 9.1 13.7#
127 14.9 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.430 min Scan# 2061
Delta R.T. -0.007 min
Lab File: BN026198.D
Acq: 02 Jul 2023 21:16

Tgt Ion:142 Resp: 3165
Ion Ratio Lower Upper
142 100
141 88.9 71.9 107.9

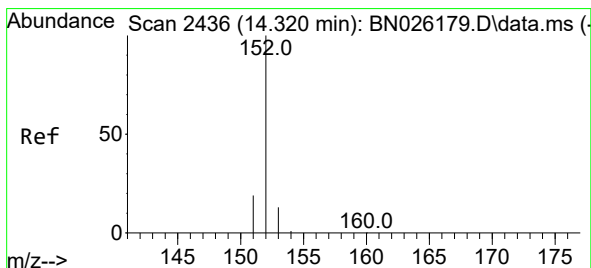
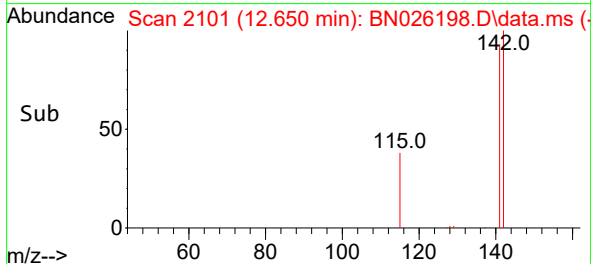
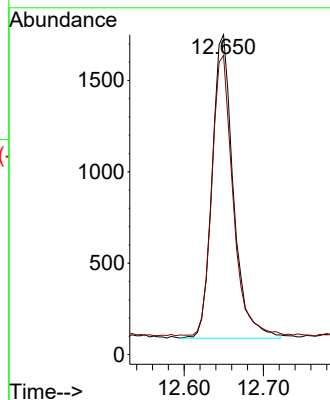
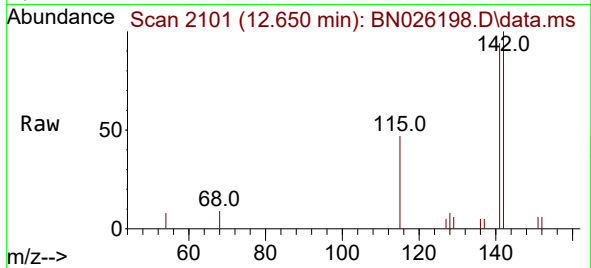




#8
1-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.650 min Scan# 2101
Delta R.T. -0.001 min
Lab File: BN026198.D
Acq: 02 Jul 2023 21:16

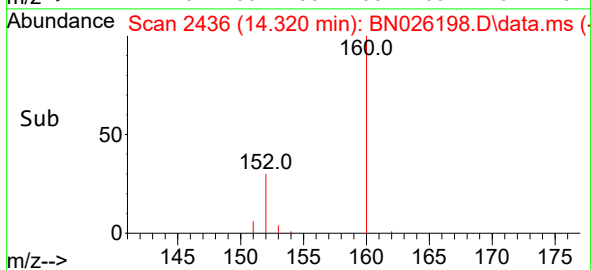
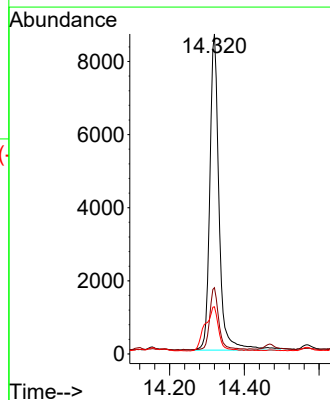
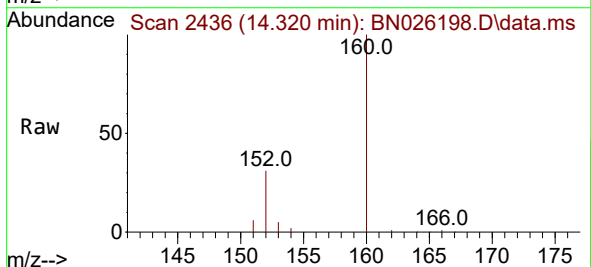
Instrument :
BNA_N
ClientSampleId :
DCGA6

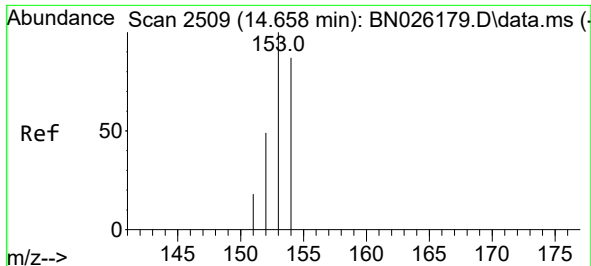
Tgt Ion:142 Resp: 3084
Ion Ratio Lower Upper
142 100
141 91.0 74.2 111.4



#10
Acenaphthylene
Concen: 0.243 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BN026198.D
Acq: 02 Jul 2023 21:16

Tgt Ion:152 Resp: 14871
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 14.8 10.9 16.3

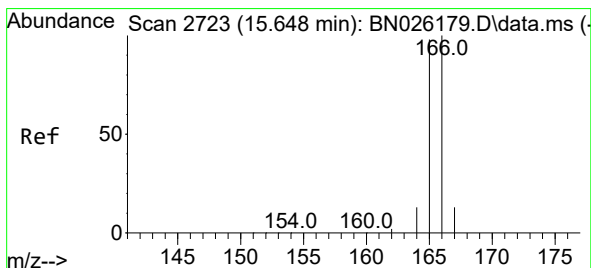
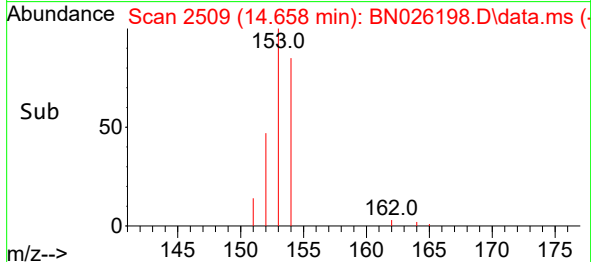
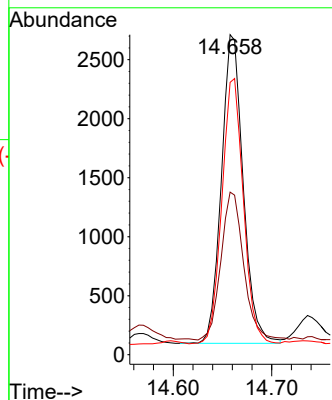
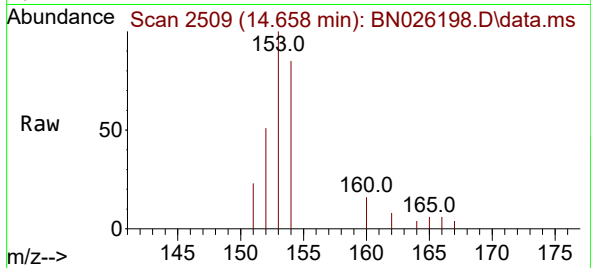




#11
Acenaphthene
Concen: 0.080 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026198.D
Acq: 02 Jul 2023 21:16

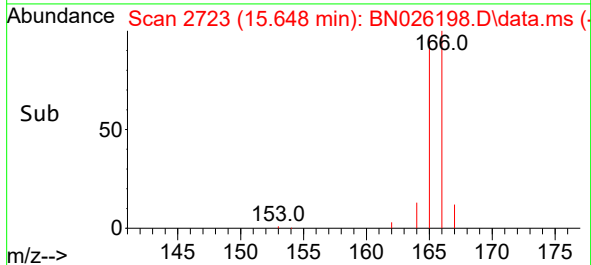
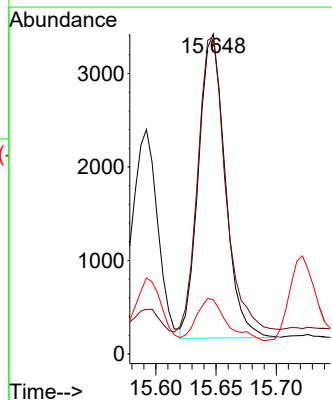
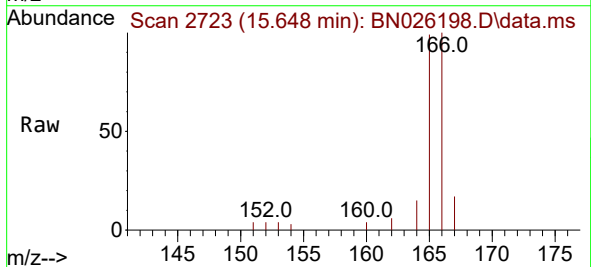
Instrument :
BNA_N
ClientSampleId :
DCGA6

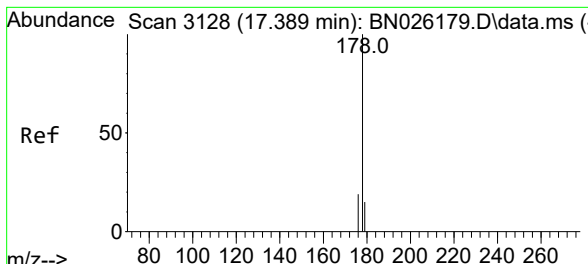
Tgt Ion:153 Resp: 4028
Ion Ratio Lower Upper
153 100
152 50.8 39.4 59.0
154 85.1 68.9 103.3



#12
Fluorene
Concen: 0.087 ng/ul
RT: 15.648 min Scan# 2723
Delta R.T. -0.006 min
Lab File: BN026198.D
Acq: 02 Jul 2023 21:16

Tgt Ion:166 Resp: 5002
Ion Ratio Lower Upper
166 100
165 99.3 79.9 119.9
167 16.9 10.8 16.2#





#15

Phenanthrene

Concen: 1.212 ng/ul

RT: 17.389 min Scan# 3128

Delta R.T. -0.005 min

Lab File: BN026198.D

Acq: 02 Jul 2023 21:16

Instrument :

BNA_N

ClientSampleId :

DCGA6

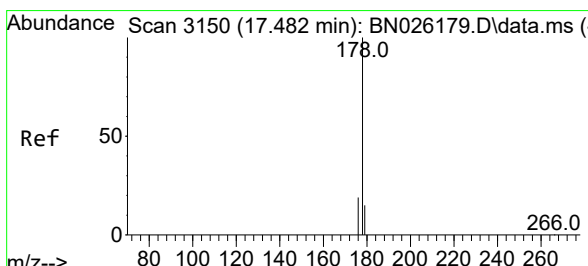
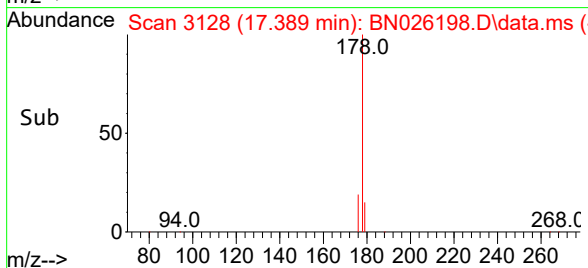
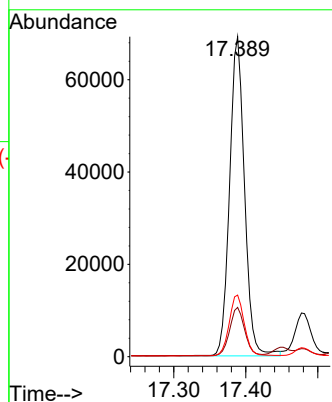
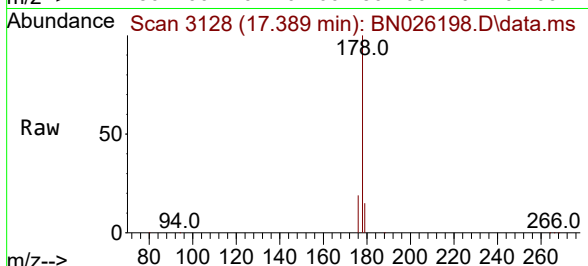
Tgt Ion:178 Resp: 99369

Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

176 19.3 15.8 23.6



#16

Anthracene

Concen: 0.217 ng/ul

RT: 17.477 min Scan# 3149

Delta R.T. -0.010 min

Lab File: BN026198.D

Acq: 02 Jul 2023 21:16

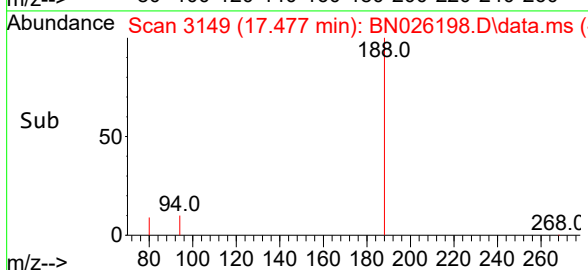
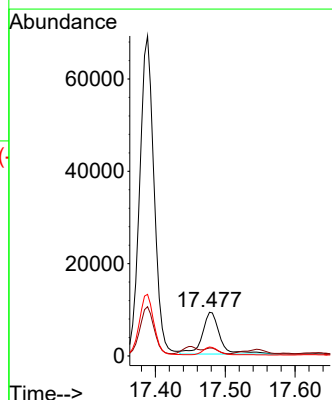
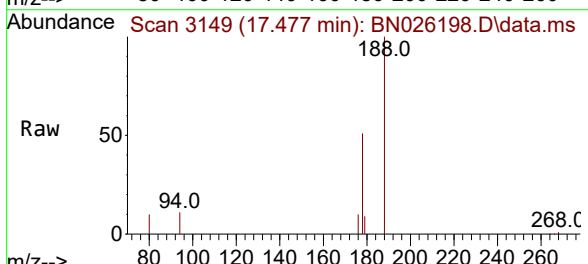
Tgt Ion:178 Resp: 15807

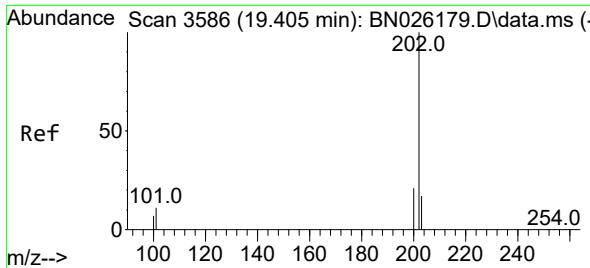
Ion Ratio Lower Upper

178 100

179 18.2 12.6 18.8

176 20.4 15.1 22.7

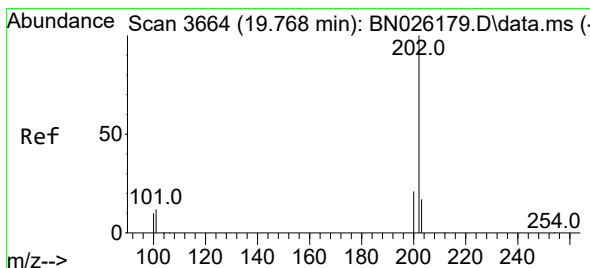
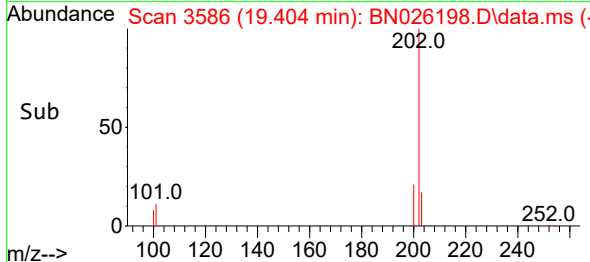
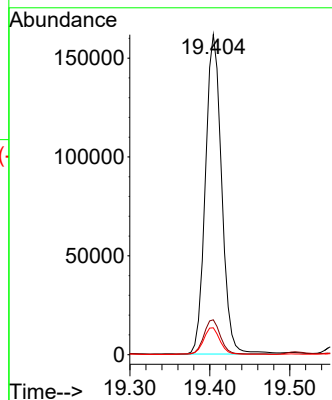
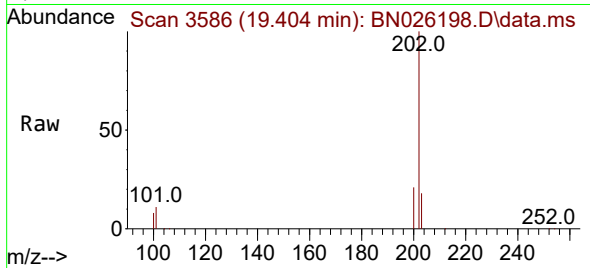




#19
Fluoranthene
Concen: 3.146 ng/ul
RT: 19.404 min Scan# 3586
Delta R.T. -0.006 min
Lab File: BN026198.D
Acq: 02 Jul 2023 21:16

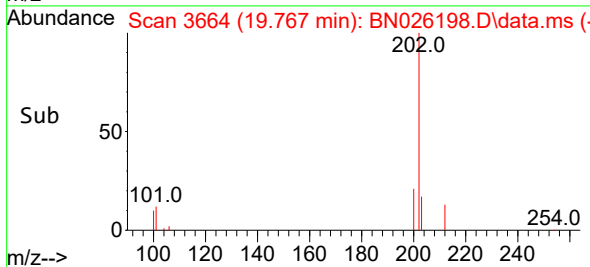
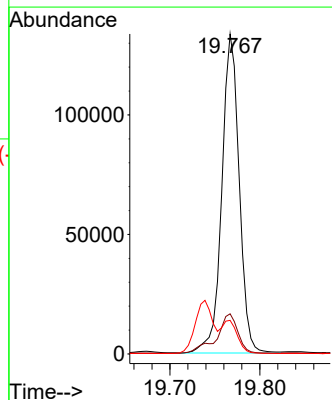
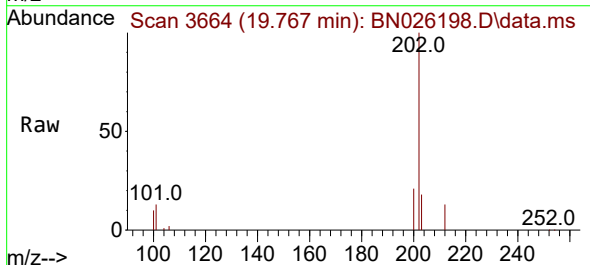
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DCGA6

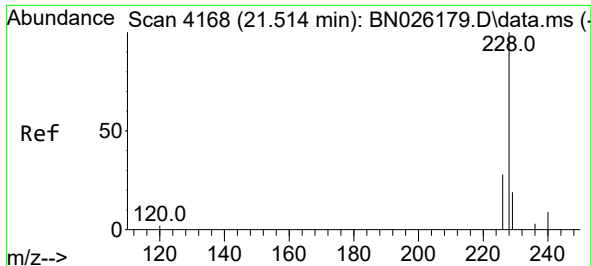
Tgt Ion:202 Resp: 228352
Ion Ratio Lower Upper
202 100
101 10.9 9.5 14.3
100 8.4 7.3 10.9



#20
Pyrene
Concen: 2.367 ng/ul
RT: 19.767 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BN026198.D
Acq: 02 Jul 2023 21:16

Tgt Ion:202 Resp: 178709
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.5 9.1 13.7

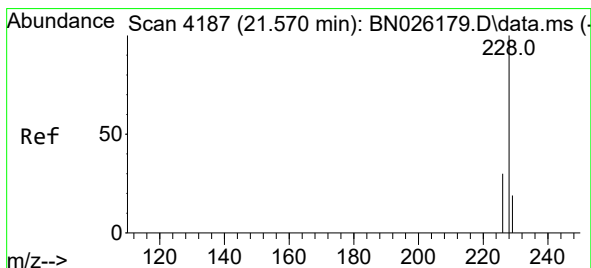
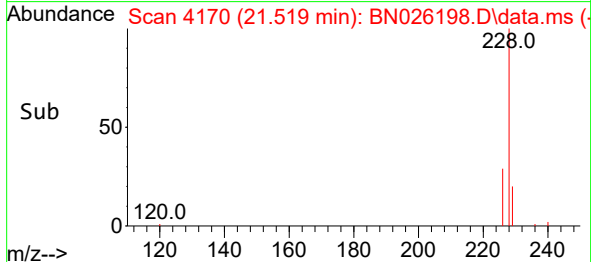
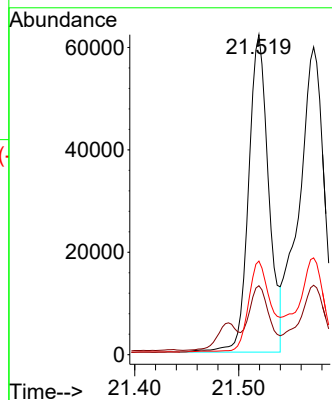
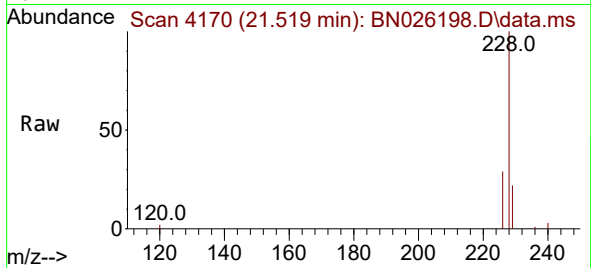




#21
Benzo(a)anthracene
Concen: 1.482 ng/ul
RT: 21.519 min Scan# 4168
Delta R.T. -0.007 min
Lab File: BN026198.D
Acq: 02 Jul 2023 21:16

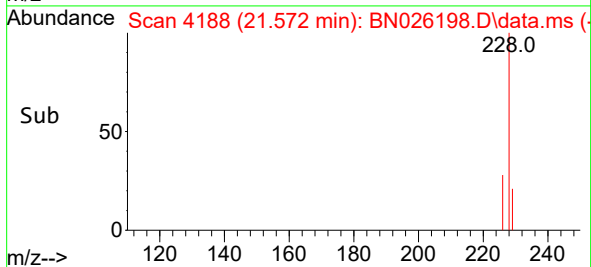
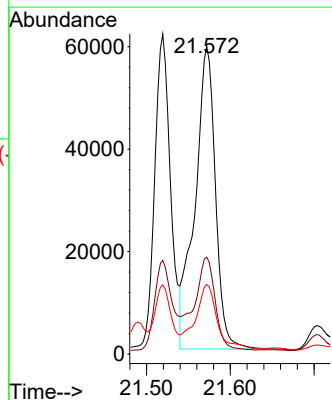
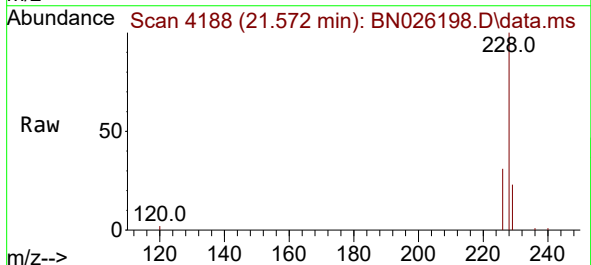
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ClientSampleId :
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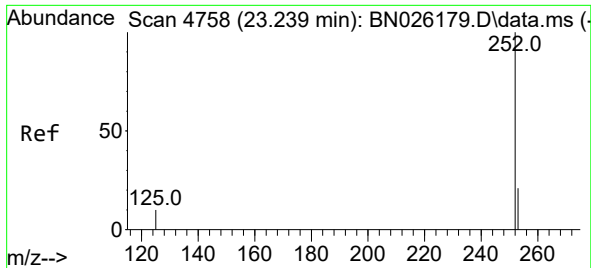
Tgt Ion:228 Resp: 83099
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.6
226 29.3 22.5 33.7



#22
Chrysene
Concen: 1.725 ng/ul
RT: 21.572 min Scan# 4188
Delta R.T. -0.007 min
Lab File: BN026198.D
Acq: 02 Jul 2023 21:16

Tgt Ion:228 Resp: 100638
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 22.6 15.7 23.5

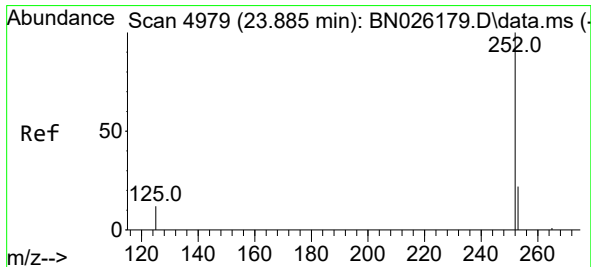
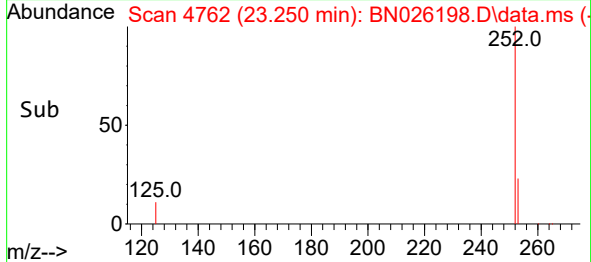
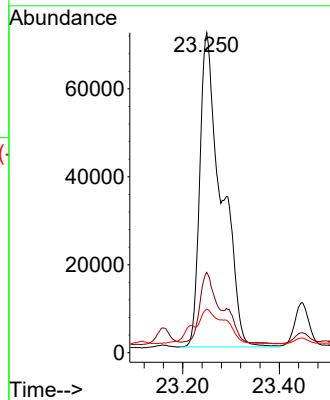
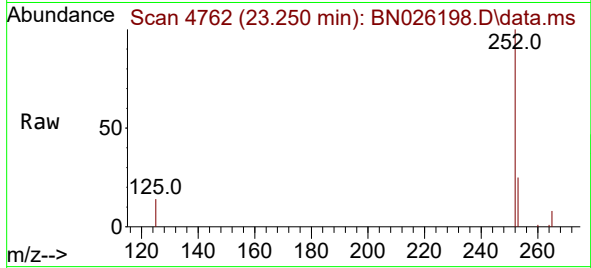




#24
Benzo(b)fluoranthene
Concen: 3.409 ng/ul
RT: 23.250 min Scan# 41
Delta R.T. 0.007 min
Lab File: BN026198.D
Acq: 02 Jul 2023 21:16

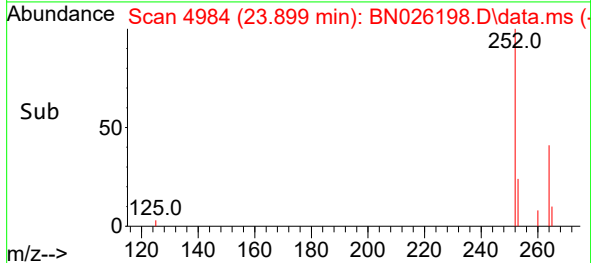
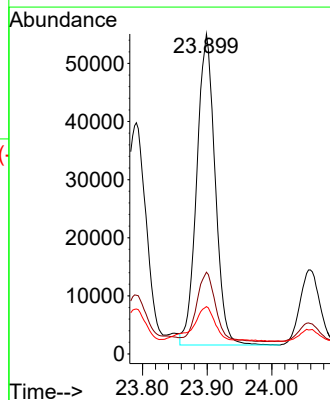
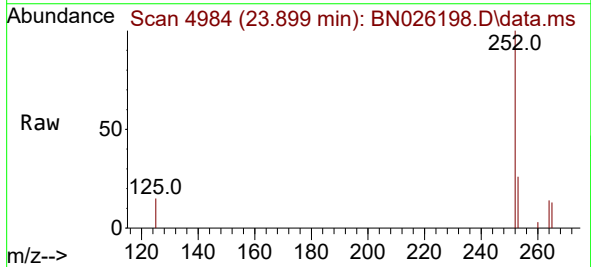
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DCGA6

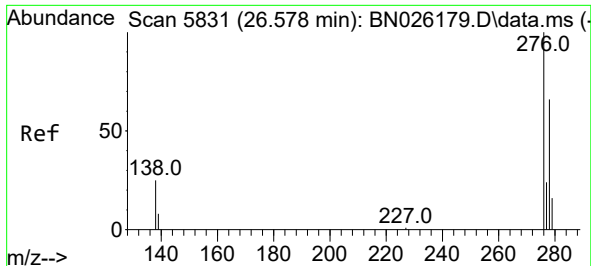
Tgt Ion:252 Resp: 221941
Ion Ratio Lower Upper
252 100
253 25.1 0.0 55.6
125 13.6 0.0 35.8



#26
Benzo(a)pyrene
Concen: 1.866 ng/ul
RT: 23.899 min Scan# 4984
Delta R.T. 0.013 min
Lab File: BN026198.D
Acq: 02 Jul 2023 21:16

Tgt Ion:252 Resp: 105516
Ion Ratio Lower Upper
252 100
253 25.5 26.0 39.0#
125 14.8 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.435 ng/ul

RT: 26.594 min Scan# 5836

Delta R.T. 0.035 min

Lab File: BN026198.D

Acq: 02 Jul 2023 21:16

Instrument :

BNA_N

ClientSampleId :

DCGA6

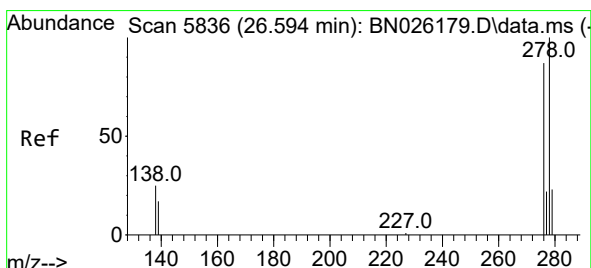
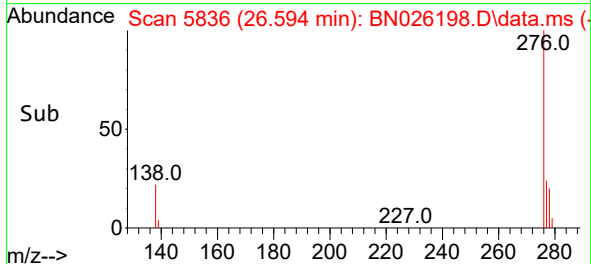
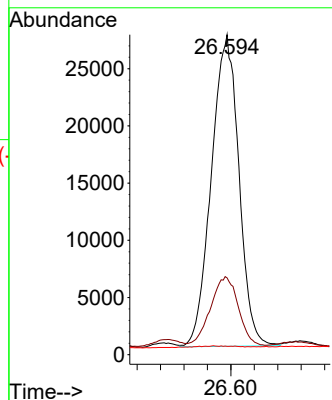
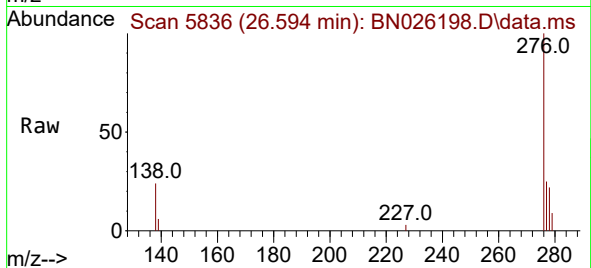
Tgt Ion:276 Resp: 88618

Ion Ratio Lower Upper

276 100

138 22.3 24.5 36.7#

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.439 ng/ul

RT: 26.604 min Scan# 5839

Delta R.T. 0.025 min

Lab File: BN026198.D

Acq: 02 Jul 2023 21:16

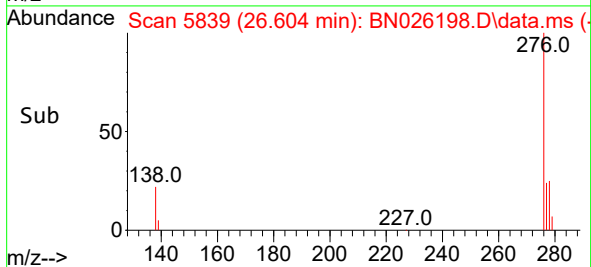
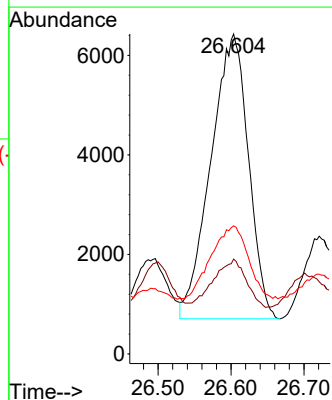
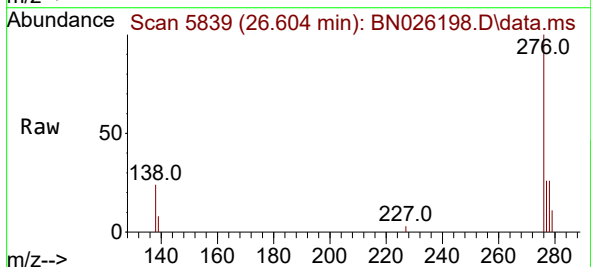
Tgt Ion:278 Resp: 20513

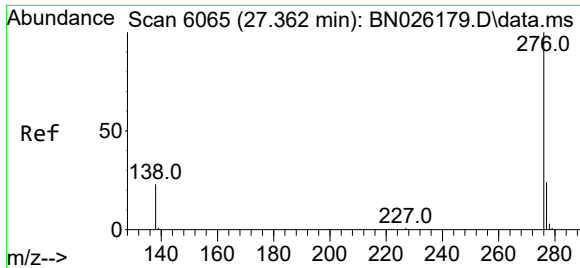
Ion Ratio Lower Upper

278 100

139 29.7 19.0 28.4#

279 40.1 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 1.569 ng/ul
 RT: 27.388 min Scan# 6073
 Delta R.T. 0.042 min
 Lab File: BN026198.D
 Acq: 02 Jul 2023 21:16

Instrument :
 BNA_N
 ClientSampleId :
 DCGA6

Tgt Ion:	276	Resp:	86199
Ion Ratio	Lower	Upper	
276	100		
138	26.1	23.4	35.0
277	25.6	20.0	30.0

